

शीर्षक :- राजस्थान (कागज) अन्तर्गत - Rec. Bridge Bagnath River
Between Panchayat Ratanpur Ghat and Tirumhani Ghat Under.
Shedule XLV Form No. 134 (H Nagar Block)

Part: - II

Executive Engineer

R.W.D. Works Division

Darbhanga-1

DIVISION

HANUMAN NAGAR

SUB-DIVISION

Measurements

Measurement Book

M.B.No:- 4043

Agency:- M/S Maa Bindgavasthni Construction.

INDEX

PAGE

प्रमाणित किया जाता है कि
इस माप-पुस्तक में क्रम सं०-01 से 100-
(एक से सौ) तक कुल मुद्रित अंकित
पन्ने हैं। यह माप-पुस्तक श्री विवेक कुमार
सहायक अभियंता, ग्रामीण कार्य विभाग कार्य
अवर प्रमंडल इनुमाननगर के नाम से -
निर्गत किया जाता है।

[Signature]
23/11/22
Executive Engineer
R.W.D. Works Division
Darbhanga-1

Reissued to JE

[Signature]
23/11/22
JE

INDEX

PAGE

Name of Work-

Situation of Work-

Agency by which work is executed-

Date of Measurement-

No. and date of agreement

(These four lines should be repeated at the commencement of the measurement relating to each work)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of Work - Const ⁿ of high level R.C.C					
Bridge across Bagmati river between					
Panchayat Ratampur Ghat and					
Trimukhani Ghat					
Agency - M/s Maa Bindyavashini Const ⁿ					
Villt Post - Thkara					
Dist - West Champaran					
Agreement - No. 19 SBD/2022-23					
Rate - 13.33/- below from B.O.B Rate					
Date of start - 09-11-2022					
Date of completion - 08-11-2024					
Measurements - 28-12-2023					
(1) Pr. E/work in excavation					
for Abut/Pier -					
Abut - $A_1 = 1 \times 3.14 \times 4.0 \text{ mt} \times 6.525 \text{ mt}$					
$\times (98.20 - 95.70) \text{ mt} = 205.016$					
Pier - $P_1 = 1 \times 0.7855 \times (7.0 \text{ mt})^2$					
$\times (97.50 - 94.50) \text{ mt} = 115.489$					
$P_2 = 1 \times 0.7855 \times (7.0 \text{ mt})^2$					
$\times (93.90 - 92.90) \text{ mt} = 38.49$					
$P_5 = 1 \times 0.7855 \times (7.0 \text{ mt})^2$					
$\times (94.40 - 92.90) \text{ mt} = 57.734$					
$P_6 = 1 \times 0.7855 \times (7.0 \text{ mt})^2$					
$\times (96.40 - 92.90) \text{ mt} = 134.313$					
$P_7 = 1 \times 0.7855 \times (7.0 \text{ mt})^2$					
$\times (97.90 - 92.90) \text{ mt} = 192.448$					
Total = 743.870					

Continuation

Name of Work-

Situation of Work-

Agency by which work is executed-

Date of Measurement-

No. and date of agreement

(These four lines should be repeated at the commencement of the measurement relating to each work)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of Work-	Const ⁿ of high level R.C.C				
	Bridge across Ragmadi river between				
	Ranchyat Radampur Ghat and				
	Trimuhani Ghat				
Agency -	M/s Maa Bindyavashini Construction,				
	Vill & Post - Thakaraaha				
	Dist - West Champaran				
Agreement No. -	19 SBD/2022-23				
Rate -	13.33% below from B.O.B Rate				
Date of start -	09-11-2022				

Date of completion - 08-11-2024

Abstract of Cost

(1) Pr. Excavation in

1 ex Cava.

Vide it-1, P-1

4043 = 743.870 m³@ Rs 154.52/m³ - Rs 114980 =

(2) Constr. of Islands

2 vide it-2, P-2

4043 = 0.8 Nos

@ Rs 438260.15 per P - Rs 350608.12

(3) Construction at

3

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Servine - Road.					
vide, it-3, P-2					
4043					
@A- 4197.47/m					851583=
(4) P/F/E Mild steel					
Cutting edge					
vide, it-4, P-2/3					
4043					
@A- 111721.28/m					1081909=
(5) P/C R.C.C. M30 in					
wall curb					
vide, it-4, P-4 = 9860m					
4043					
@A- 8375.59/m					825833=
(6) P/C R.C.C. M30 in					
wall - Stenug					
vide, it-7, P-4/5					
4043					
@A- 8621.38/m					10994264=
(7) Sinking - 6mm ϕ -					
vide, it-2, P-5/6					
4043					
up to 3.0m					
@A = depth = 18.0m					
@A- 3546.31/m					63834=
(B) up to 10.0m					
12 depth = 38.0m					
@A 4968.68/m					188810=

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(C) 10 mt to 20.0 mt					
Depth = 30.0 mt					
@ $\Delta - 7874.50/\text{mt}$ $\Delta - 236235 =$					
(D) Bc/bw = 20.0 mt					
Depth = 4.0 mt					
@ $\Delta - 14770.30/\text{mt}$ $\Delta - 59081 =$					
(8) P/F/F = 10 mm lining					
TS VIM 4043					
it - 11P - 6/7					
= 12.423 m.T					
@ $\Delta - 102829.76/\text{m.T}$ $\Delta - 1277454 =$					
(9) P/F/F = 10 mm lining					
for R.C.C. - 10 mm					
vide 4043					
it - 11/2, P - 7/8/9/10					
= 135.676 m.T.					
@ $\Delta - 79236.84/\text{m.T}$ $\Delta - 10756538 =$					
Total $\Delta = 29950602 =$					
Add - 12.4 U.S.T. = (+) 3594072 =					
Add 1.1 U.S. = (+) 299506 =					
Add - 8/Feet = (+) 229894 =					
Total $\Delta = 34674074 = 00$					
Less 13.33.1 = (-) 4542674 =					
Balance $\Delta = 29532000 = 00$					
Q 20/01/23 AE					
20/01/2023 J.E					